**3GPP TSG-RAN4 Meeting # 111 *R4-240xxxx***

**Fukuoka, Japan, May 20th – 24th 2024**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **0441** | **rev** | **1** | **Current version:** |  |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **x** | Core Network |  |

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| ***Title:***  | Big CR for 38.141-1 on FR2-1 PUSCH 256QAM demodulation requirements  |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | RAN4 |
|  |  |
| ***Work item code:*** |  NR\_RF\_FR2\_req\_Ph3-Perf  |  | ***Date:*** | 2024-05-13 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-18 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | The FR2-1 PUSCH 256QAM demodulation requirements were discussed in previous RAN4 meeting. The requirements are agreed to be added. New FRC tables are introduced for TS38.104 and TS38.141-2. It is necssary to adding same FRC sections in TS38.141-1 for alignment. The draft big CR R4-2405541 were endorsed.  |
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| ***Summary of change:*** | Following changes are added:R4-24055411. Adding new FRC table sections for FR2 256QAM to get alignment with 38.104 and 38.141-2.
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| ***Consequences if not approved:*** | The FRC table sections are not aligned between specifications.  |
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| ***Clauses affected:*** | A.12 (new) |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **x** |  Test specifications | TS/TR … CR …  |
| ***(show related CRs)*** |  | **x** |  O&M Specifications | TS/TR ... CR ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** | Revised from R4-2408338. |

########################## Start of change #1 ############################

# A.12 Fixed Reference Channels for performance requirements (256QAM, R=682.5/1024)

Fixed Reference Channels for performance requirements (256QAM, R=682.5/1024) is not used in this specification.

########################## End of change #1 ############################